

Fig.1

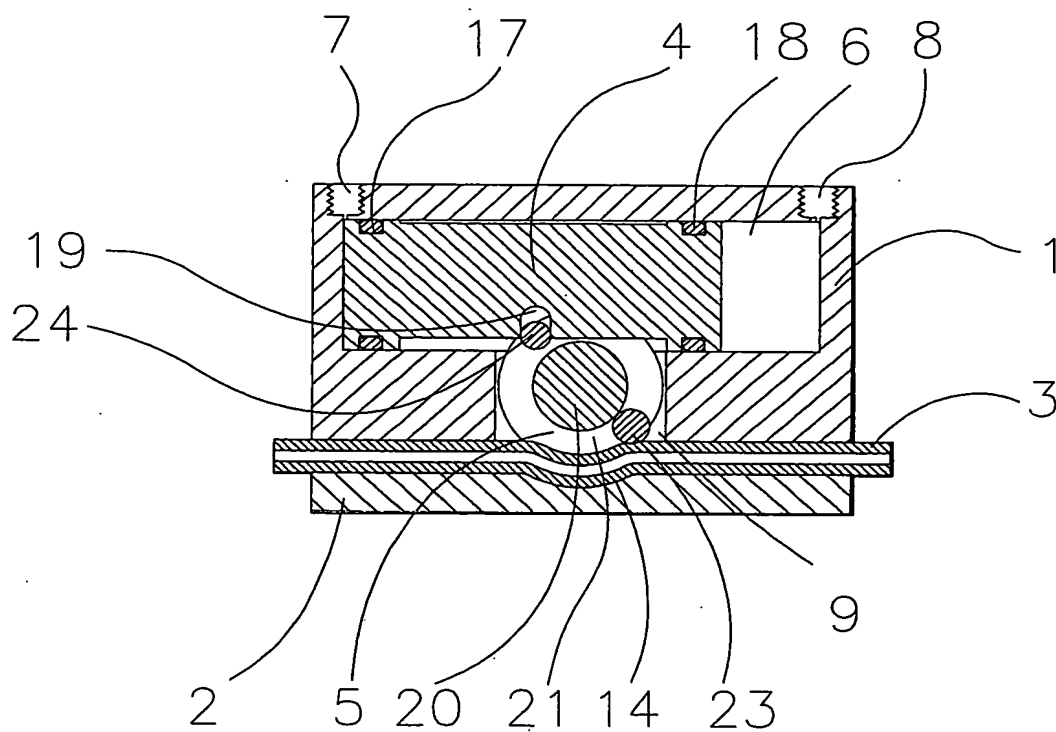


Fig.2

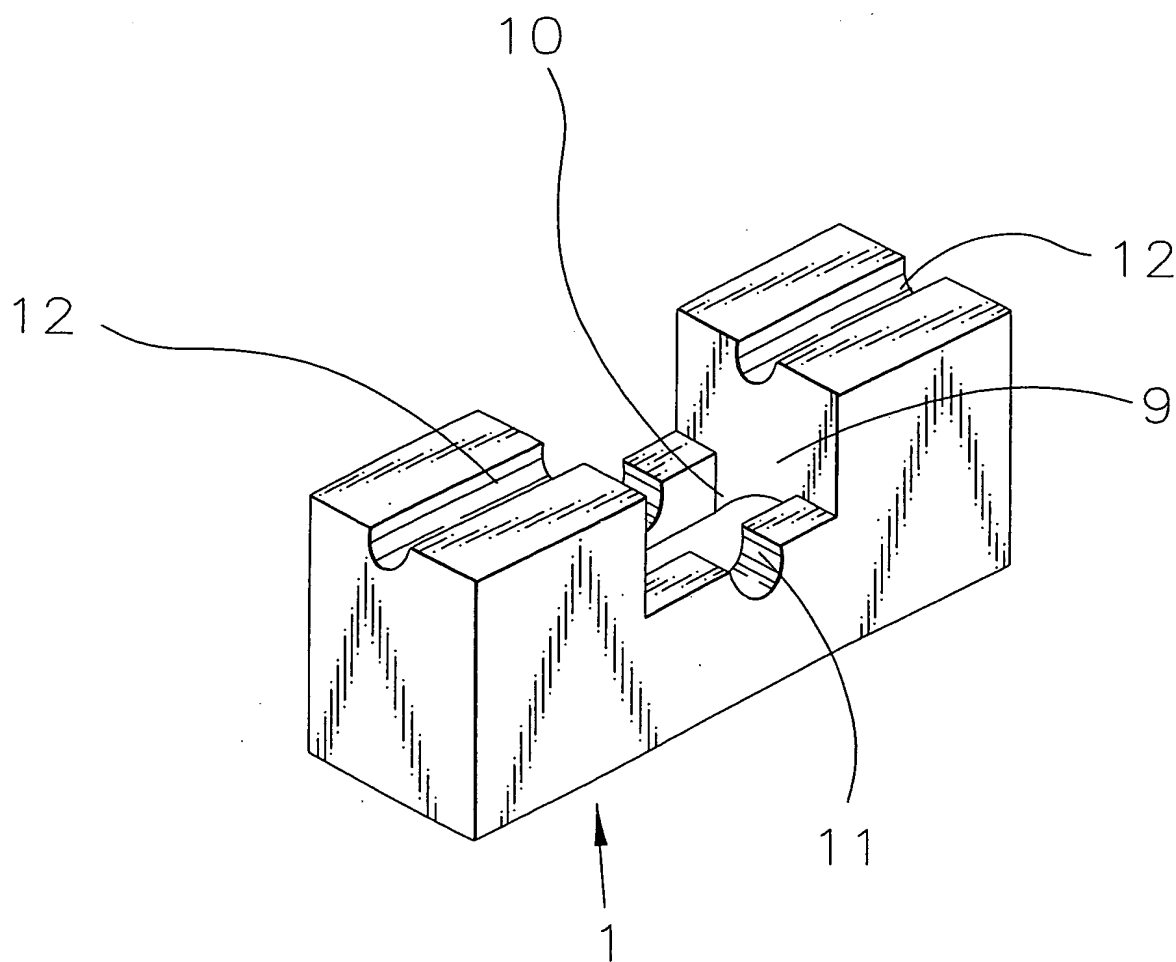


Fig.3

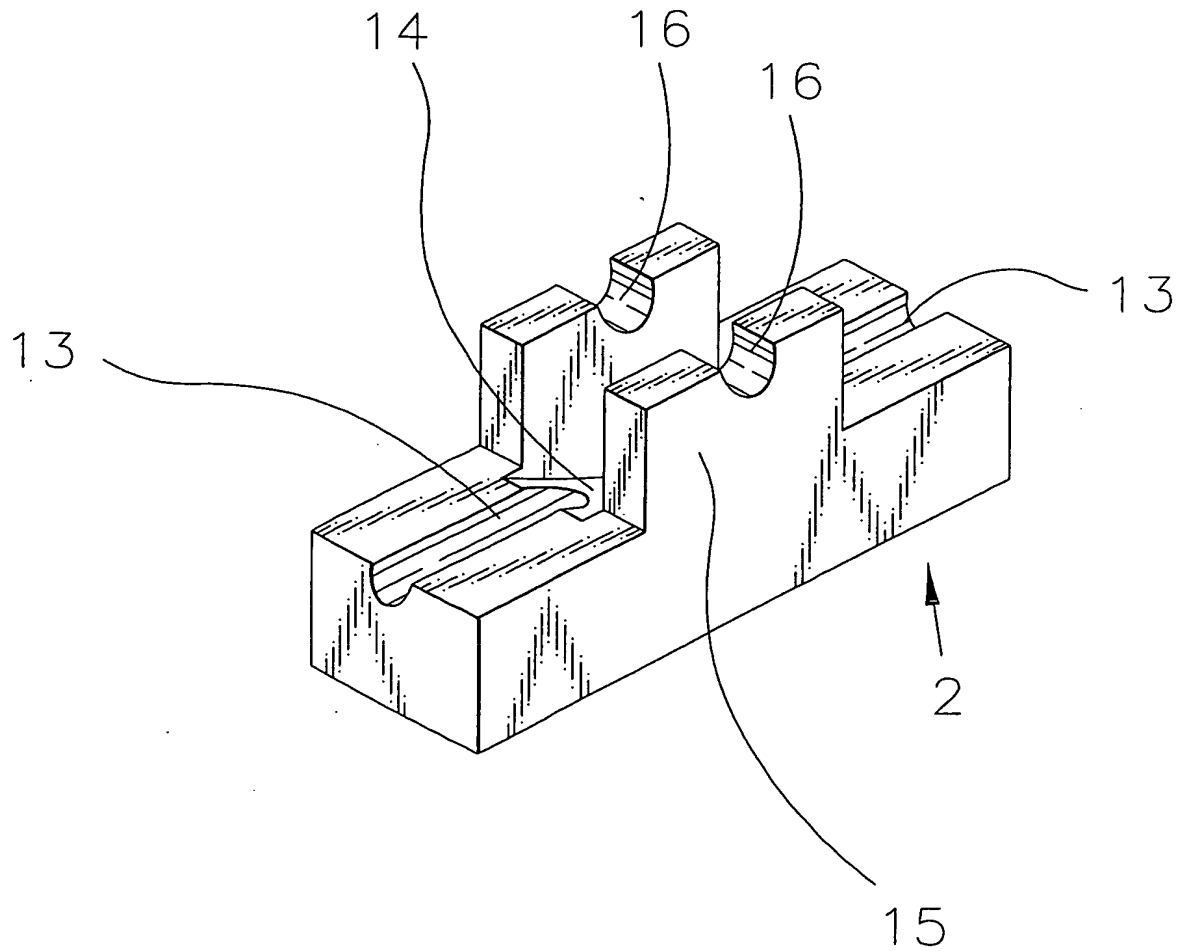


Fig.4

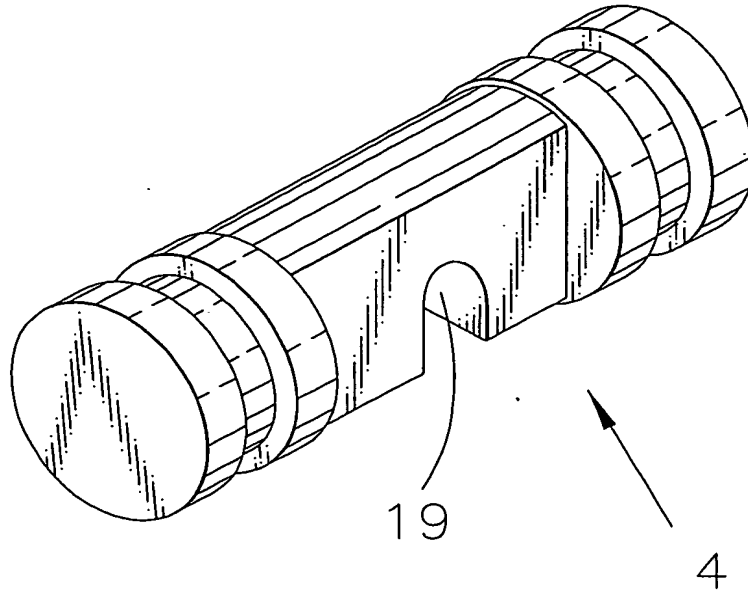


Fig.5

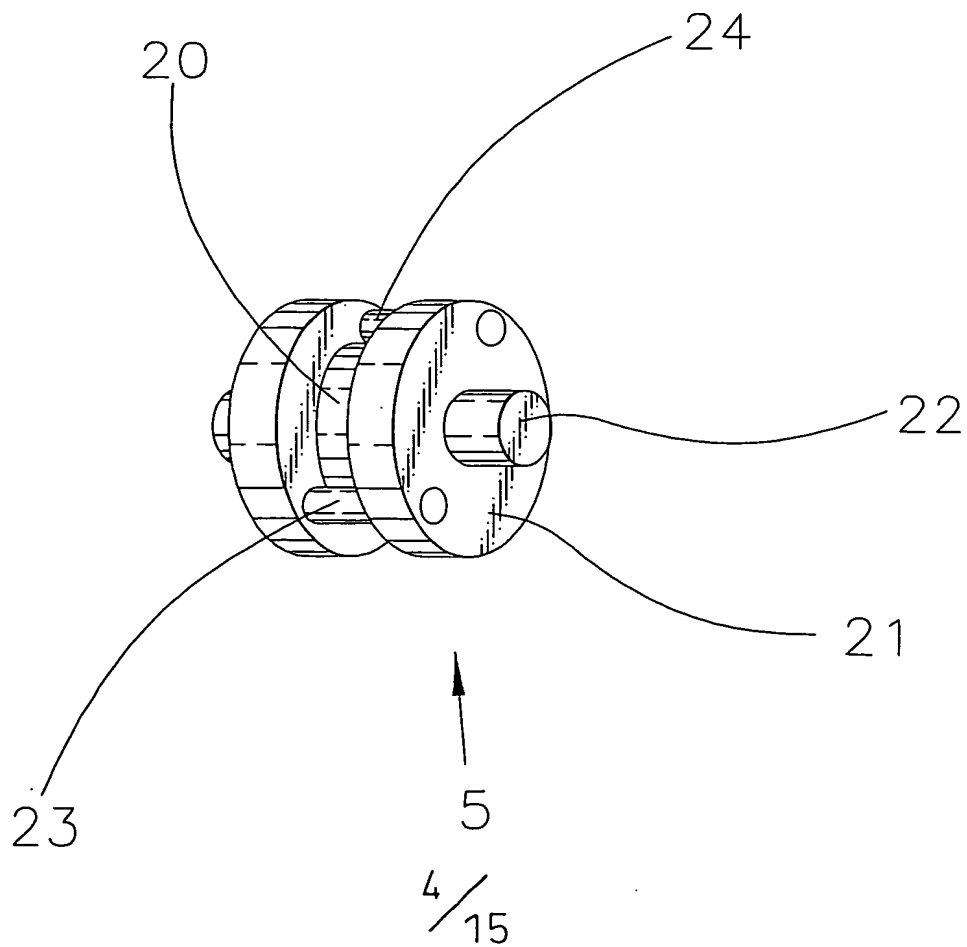


Fig.6

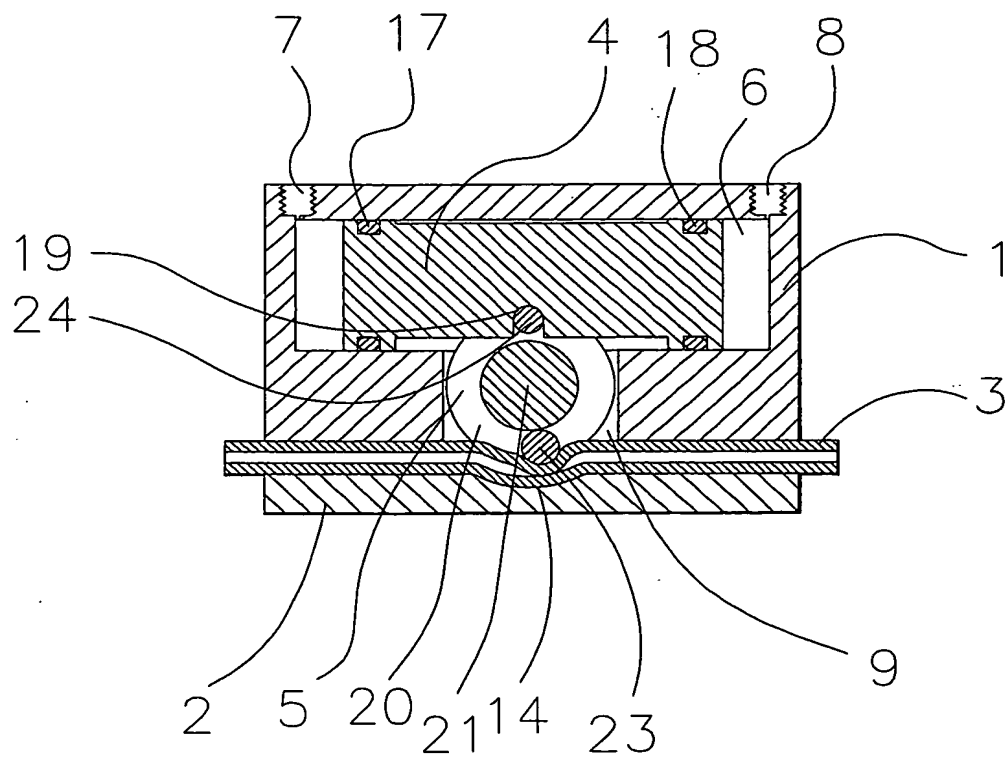


Fig. 7

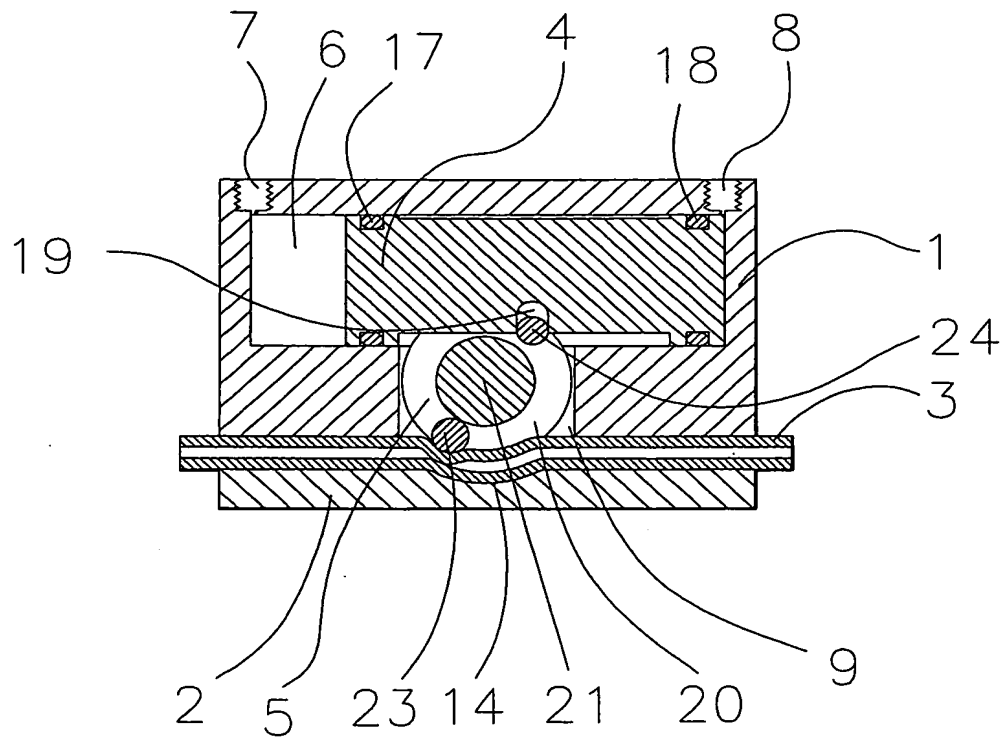


Fig. 8

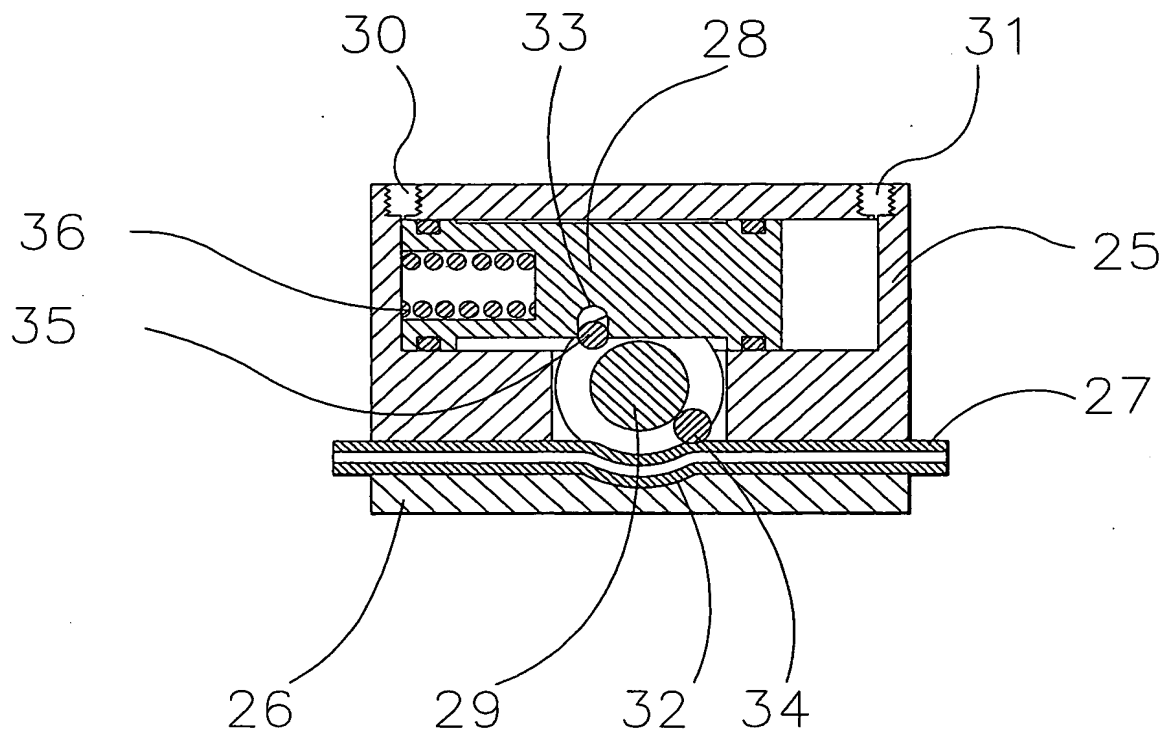


Fig.9

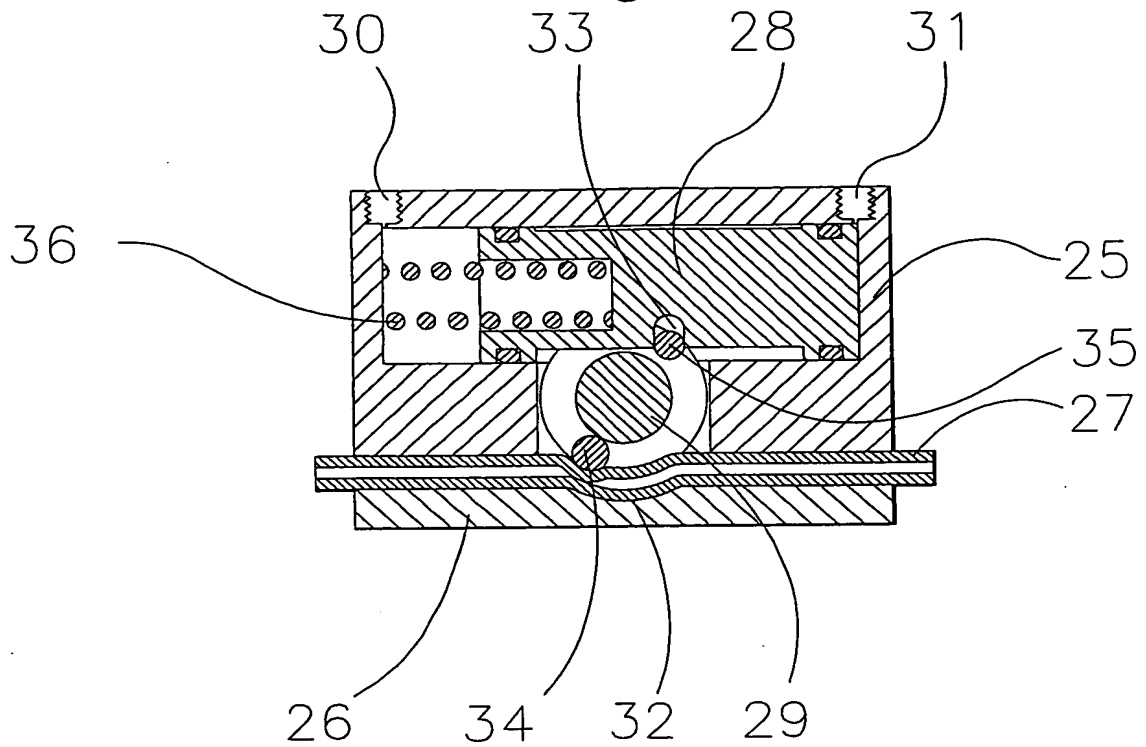


Fig.10

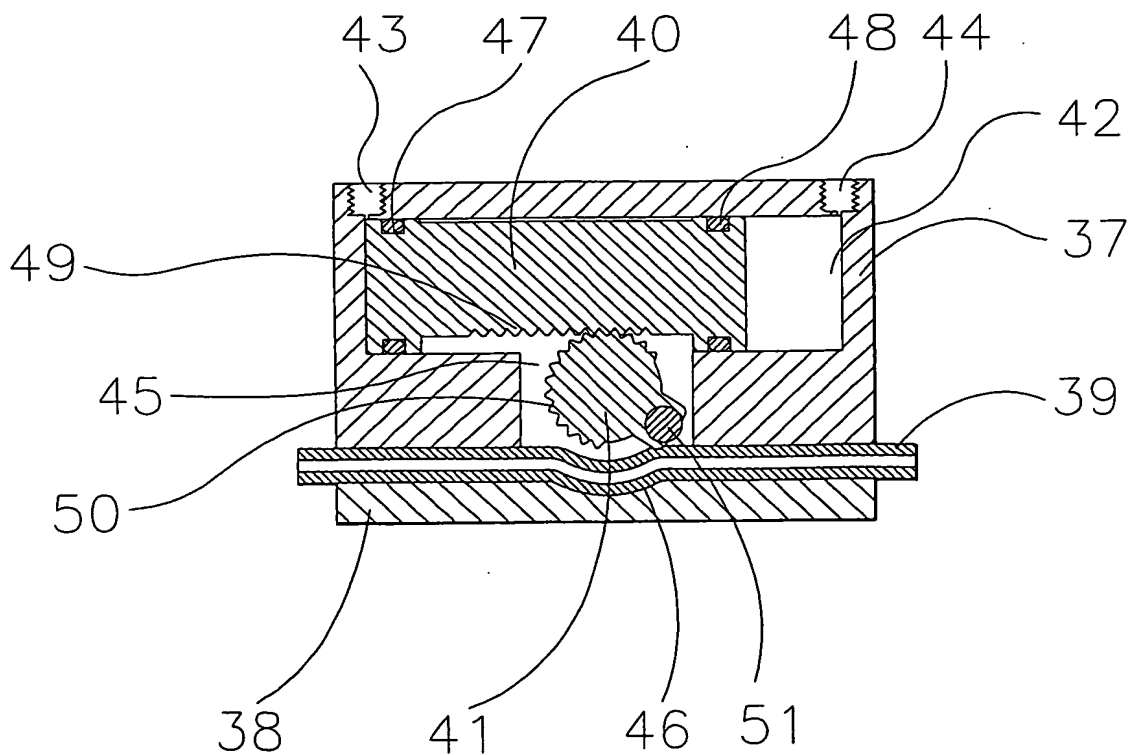




Fig.11

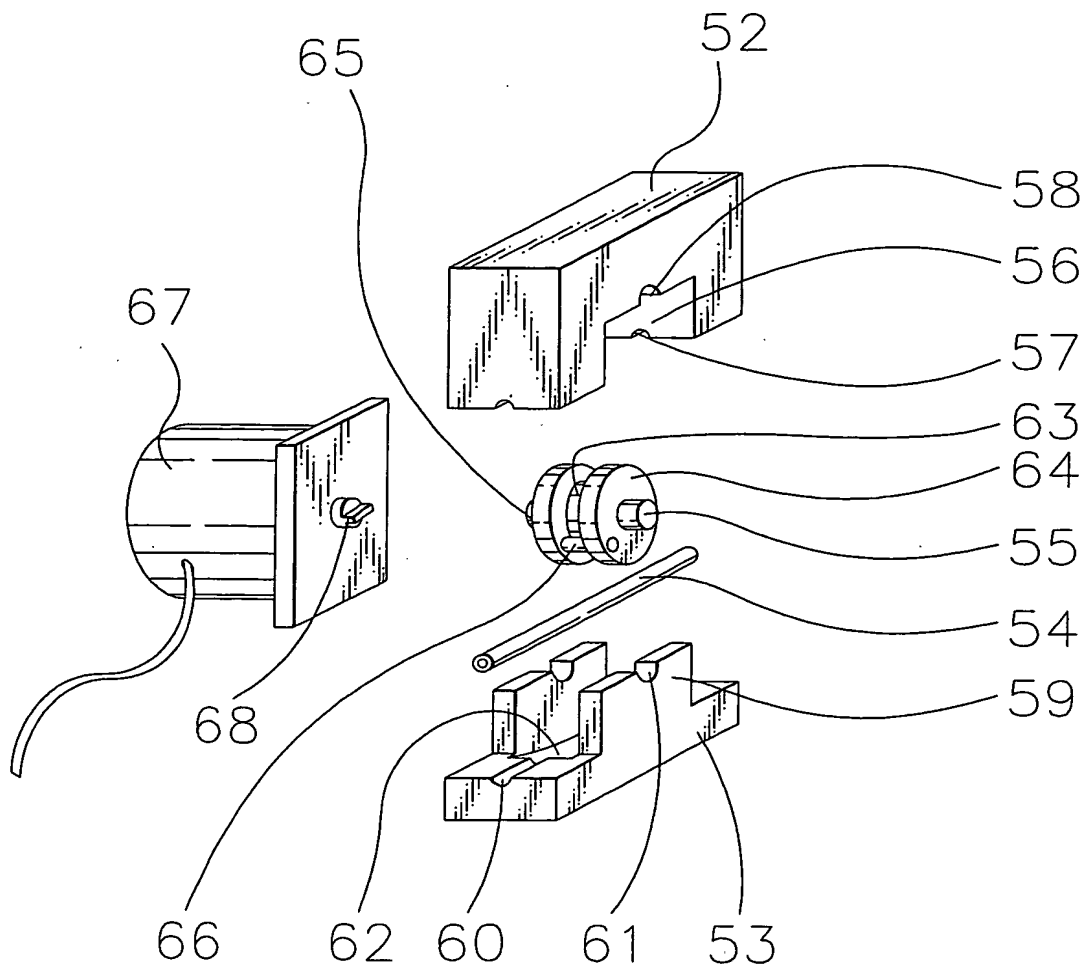


Fig.12

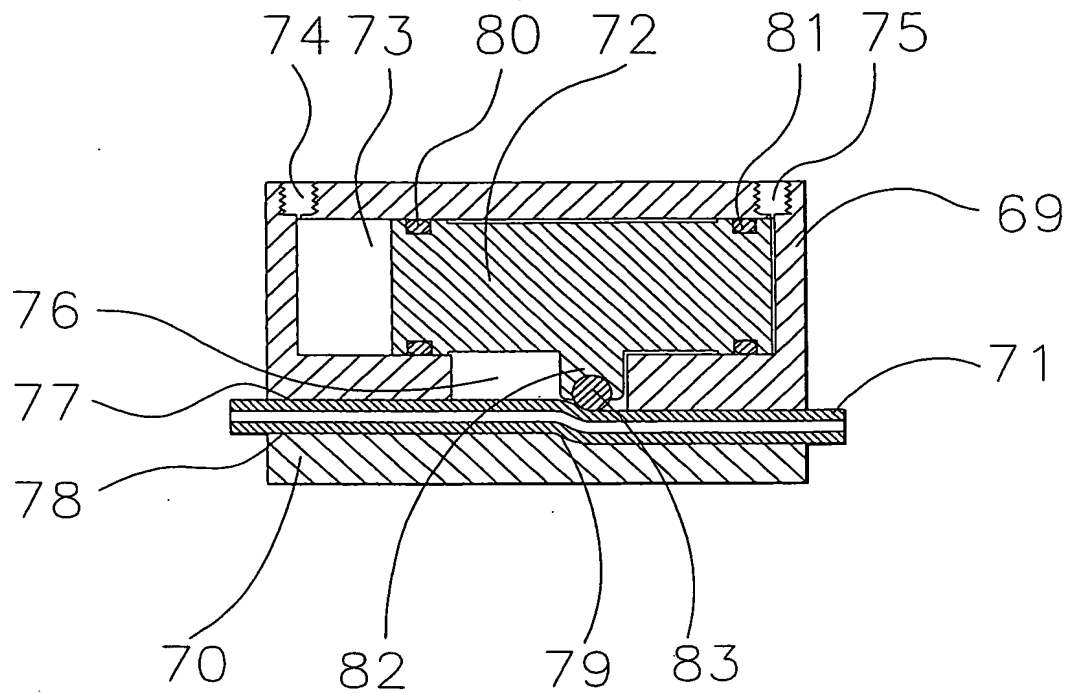


Fig.13

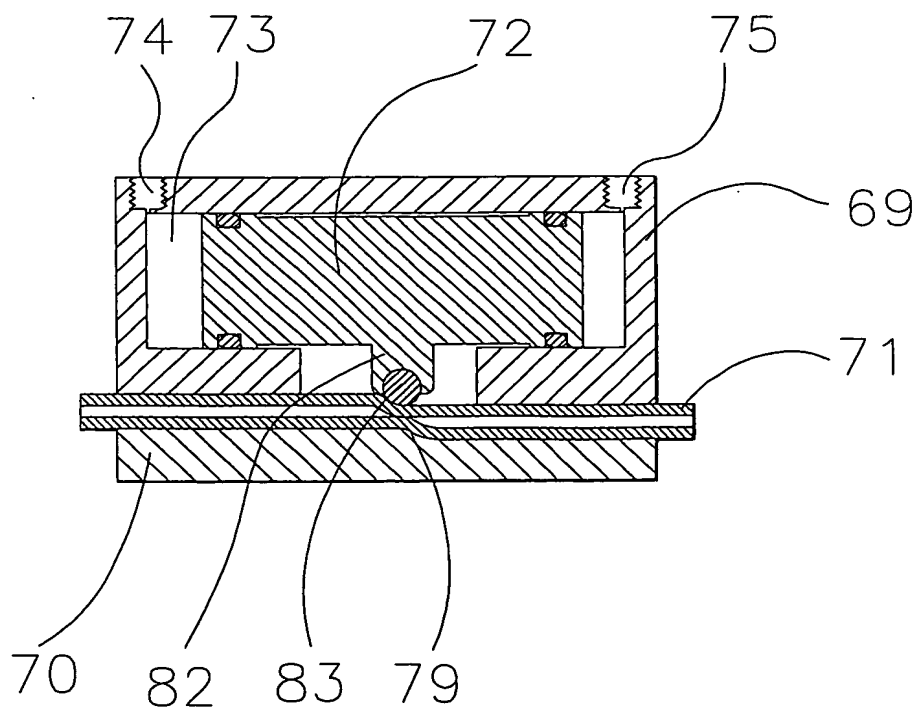
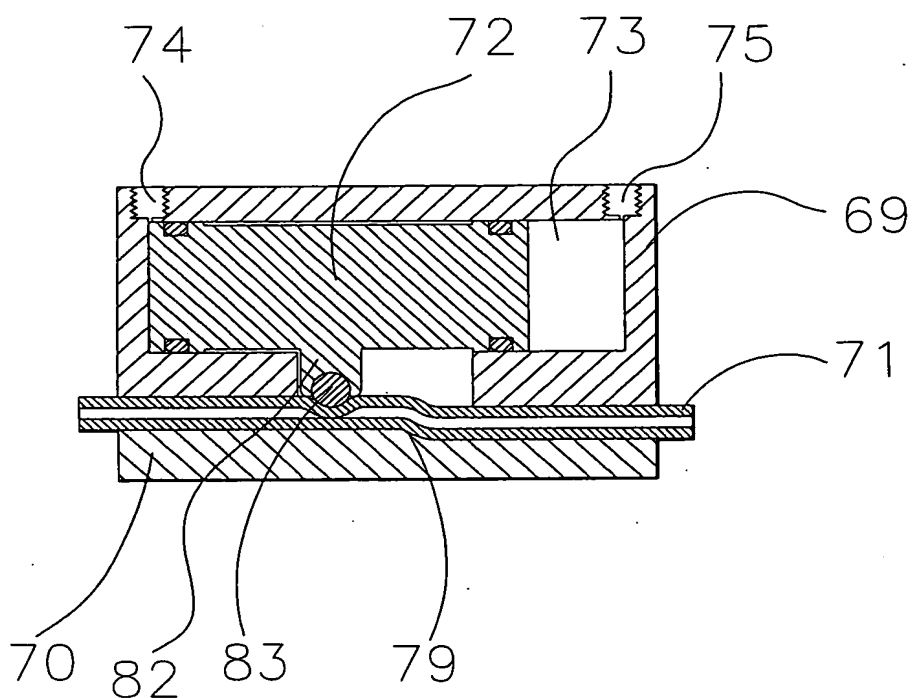


Fig.14



LIST OF REFERENCE CHARACTERS

- 1 Upper valve housing
- 2 Lower valve housing
- 3 Tube
- 4 Piston
- 5 Rotor
- 6 Cylinder chamber
- 7 Working fluid supply port
- 8 Working fluid supply port
- 9 Recess
- 10 Opening
- 11 Bearing part
- 12 Groove
- 13 Groove
- 14 Pressing surface
- 15 Projecting part
- 16 Bearing part
- 17 O-ring
- 18 O-ring
- 19 Notch
- 20 Cylindrical part
- 21 Disk part
- 22 Shaft part
- 23 Roller
- 24 Roller
- 25 Upper valve housing

- 26 Lower valve housing
- 27 Tube
- 28 Piston
- 29 Rotor
- 30 Working fluid supply port
- 31 Working fluid supply port
- 32 Pressing surface
- 33 Notch
- 34 Roller
- 35 Roller
- 36 Spring
- 37 Upper valve housing
- 38 Lower valve housing
- 39 Tube
- 40 Piston
- 41 Rotor
- 42 Cylinder chamber
- 43 Working fluid supply port
- 44 Working fluid supply port
- 45 Opening
- 46 Pressing surface
- 47 O-ring
- 48 O-ring
- 49 Rack
- 50 Gear
- 51 Roller
- 52 Upper valve housing

- 53 Lower valve housing
- 54 Tube
- 55 Rotor
- 56 Recess
- 57 Groove
- 58 Bearing part
- 59 Projecting part
- 60 Groove
- 61 Bearing part
- 62 Pressing surface
- 63 Cylindrical part
- 64 Disk part
- 65 Shaft part
- 66 Roller
- 67 Stepping motor
- 68 Shaft part
- 69 Upper valve housing
- 70 Lower valve housing
- 71 Tube
- 72 Piston
- 73 Cylinder chamber
- 74 Working fluid supply port
- 75 Working fluid supply port
- 76 Opening
- 77 Groove
- 78 Groove
- 79 Pressing surface

**APPLN. FILING DATE: JUNE 16, 2006**

**TITLE: VALVE**

**INVENTOR(S): TOSHIHIRO HANADA**

**ATTY. DKT. NO.: 1001560-000597** SHEET 15 OF 15

- 80 O-ring
- 81 O-ring
- 82 Projecting part
- 83 Roller